

METHOD FOR VERIFICATION OF COMMAND PROCESSING IN A COMPUTER SYSTEM DESIGN HAVING A MULTIPLE PRIORITY COMMAND QUEUE

ABSTRACT

5 A method for verification of multiple priority command processing, including:
inputting over time, multiple simulated requests into a simulation model of the computer
system, each request having a priority and each request comprising a request and tag
transaction, a command ID transaction, command system ID transaction, a system
combined response transaction and a completion tag transaction; sorting the priority of
10 each request based; issuing an error if any particular command ID transaction is not a
transaction of a request previously sorted; issuing an error if any particular command
system ID transaction is not a transaction of a request having a previously issued
command ID transaction, if any particular system combined response transaction is not a
transaction of a request having a previously issued command system ID transaction and if
15 any particular completion tag transaction is not a transaction of a request having a
previously issued system combined response transaction.